

Jun 14 04 10:52P

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P. 4

June 14, 2004

Case No. PHF 99,548 (7790/275)

Serial No.: 09/587,394

Filed: June 5, 2000

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SPECIFICATION AMENDMENTS

Please amend the paragraph beginning at page 13, line 27 of the Substitute Specification as follows:

“Referring to FIG. 5, an X-ray medical examination apparatus 150 employs structure for acquiring digital image data of a medical image, and a digital processing system 120 for processing these data according to the processing method described above. The X-ray apparatus comprises an X-ray source 101, a table 102 for receiving a patient to be examined, an optical system 103, 104 for supplying image data to the processing system 120 which has at least one output 106 to send image data to display and/or storage 107. The display and storage 107 may respectively be the screen 140 and the memory of a workstation 130. The storage 107 may alternately be external to apparatus 150. This image processing system 120 may be a suitably programmed computer of the workstation 130, or a special purpose processor which has a circuit configuration, such as LUTs, Memories, Filters, Logic Operators, which are arranged to perform the functions of the method steps according to the invention. The workstation 130 may also employ a keyboard 131 and a mouse 132 employ”